

AUTOMATIC ASSIGNMENT OF ADDRESSES TO NODES IN A NETWORK

ABSTRACT OF THE DISCLOSURE

Each node in the network broadcasts its unique identifier to the other nodes. Each node assigns a different network address to each of the nodes based on the unique identifier received from the node. However, each node assigns the network addresses in a common predetermined manner. Thus, each node arrives at the same assignment of network addresses. In a preferred embodiment, the assignment of network addresses is maintained as an address table at each node.

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